## **ADHESIVES** EPOXY

- · J-B Kwik is designed to be an alternative to welding, soldering and brazing.
- · J-B Weld bonds to most clean surfaces.
- It sets in a little as 4 minutes and fully cures in 4 to 6
- · J-B Kwik is waterproof and resistant to petroleum, chemicals and acid.
- · It can be drilled, machined, painted, sanded and filed once it's cured. J-B Weld is superstrong, nontoxic and temperature resistant up to 300°F.

JB Weld Kwik Cold Weld Epoxy, 2 oz. JB 8276



- · J-B Stik is a hand-kneadable, steel-reinforced epoxy putty that is designed to plug holes and make permanent repairs on most wet and dry surfaces.
- · It fully cures in as little as 30 minutes and requires no prep time or tools.
- · It will even make repairs in gasoline.

JB Weld Stik Epoxy Putty, 2 oz. JB 8267-S



- · J-B Original is designed to be an alternative to welding, soldering and brazing.
- · This epoxy bonds to most clean surfaces, and it will set in 4 to 6 hours and fully cure in 24 hours.
- · J-B Weld Epoxy is waterproof, resistant to petroleum, chemicals and acid, and can be drilled, machined, painted, sanded and filed once cured.
- · It's super-strong, nontoxic and temperature resistant up to 600°F.

JB Weld Original Coldweld Epoxy, 2 - 1 oz. Tubes JB 8265S



- · A two-part adhesive epoxy filler
- · Cures in 1 hr
- · Dries off-white

JB Weld Plasticweld Quick Setting Epoxy JB 50132



- · This versatile, easy-to-use, general-purpose epoxy adhesive is 2-part adhesive and filler system that helps eliminate the need for welding or brazing.
- · Formulated to set in 5 minutes without requiring clamping.
- · Clear appearance.
- · Fills gaps and will not shrink.
- · Resistant to water and solvents. Permanent strength up to 3400 PSI.

Permatex PermaPoxy 5-Minute General-Purpose Epoxy, 0.84 oz. PER 84101



- · Waterproof!
- · Great epoxy for boat and PWC repairs
- Set: 20 min
- · Full cure: overnight

JB Weld Marine Weld JB 50112



- · A structural adhesive designed for general purpose bonding of a wide variety of materials.
- · Forms a tough, durable bond to most plastics, composites, ceramics and wood in any combination.
- ${\boldsymbol \cdot}$  Fast-curing product with gelling of mixed adhesive in  ${\bf 5}$   ${\bf 6}$ minutes and fixturing in 9 - 10 minutes.
- ${\boldsymbol{\cdot}}$  Will not bond most polyethylene or polypropylene plastics.
- · Bonds hard and soft plastics to specified surfaces. Requires no primers and sets in 5 minutes at room temperature. Cream appearance. Gap filling to 0.125". Water resistant and good chemical resistance. Permanent strength up to 3500 PSI.

**Permatex PermaPoxy 5 Minute** Plastic Weld, 0.84 oz. PER 84115



9

- · A structural adhesive designed for general purpose bonding of a wide variety of material such as hard and soft plastics to specified surfaces.
- · Forms a tough, durable bond to most plastics, composites, ceramics, wood in any combination.
- Fast curing product with gelling of mixed adhesive in 5 6 minutes and fixturing in 9 - 10 minutes.
- NOTE: Will not bond most polyethylene or polypropylene plastics. Bonds hard and soft plastics to specified surfaces. Requires no primers, sets in five minutes at room temperature. Cream appearance. Gap filling to 0.125 inch. Water resistant and good chemical resistance. Temperature range -60°F to 250°F (-51°C to 121°C). Permanent strength up to 3500 PSI.

**Permatex Black Plastic Weld PER 84145** 



- · Versatile, easy-to-use, multi-metal epoxy adhesive is twopart adhesive and filler system that's designed to eliminate the need for welding or brazing.
- · Sets in as little as 4 minutes without requiring clamping.
- · Dark grey appearance.
- · Fills gaps and will not shrink.
- · When cured, can be drilled, sanded, threaded or filed. Resistant to water and solvents. Temperature range -60°F to 300°F (-51°C to 149°C). Permanent strength up to 4500

Permatex PermaPoxy 4-Minute Multi-Metal **Epoxy, 0.84 oz.** PER 84109



- This versatile, easy-to-use, general-purpose epoxy adhesive is 2-part adhesive and filler system that helps eliminate the need for welding or brazing.
- · Formulated to set in 1 minute without requiring clamping.
- · Clear appearance.
- · Fills gaps and will not shrink.
- · Resistant to water and solvents. Temperature range -60°F to 180°F (-51°C to 82°C). Permanent strength up to 2500 PSI.

**Permatex 1-Minute General-Purpose Epoxy, 0.84 oz.** PER 84160



- This versatile, easy-to-use, general-purpose epoxy adhesive is 2-part adhesive and filler system that helps eliminate the need for welding or brazing.
- · Formulated to set in 30 minutes without requiring clamping.
- · Clear appearance.
- · Fills gaps and will not shrink.
- · When cured, can be drilled, sanded, threaded or filed. Resistant to water and solvents. Permanent strength up to 3500 PSI.

**Permatex PermaPoxy 30-Minute High-Strength** General-Purpose Epoxy, 0.84 oz. PER 84107



- · J-B Marine Weld is designed to be strong, waterproof and weatherproof.
- · It sets in as little as 4 hours and fully cures in 24
- · Marine Weld will bond to most clean, dry surfaces.
- · Once cured, it can be sanded, drilled, tapped, painted and machined.
- · Nontoxic formula.

**JB Weld Marine Weld Epoxy** JB 8272



- · Dries Clear: Ideal for clean, easy finishing
- 5 Minute Set: Plenty of repositioning time for the perfect fit.
- · Gap-Filling: Fills voids and bonds uneven and vertical surfaces
- · Water Resistant: Withstands moderate exposure to water
- Solvent resistant

Gorilla Glue Epoxy, .85 oz. GGC 4200103



- J-B Waterweld is an epoxy putty that's designed to plug holes and make permanent repairs in moist-surface or underwater applications.
- · Fully cures in as little as 20 to 30 minutes and is nontoxic.
- · Adheres to most surfaces.

JB Weld Waterweld White Epoxy Putty JB 8277



- · RapidFix Dual Adhesive System. · Features an Instant adhesive and welding powder RapidFix Pack RAP 6121705
- This versatile, easy-to-use, general-purpose epoxy adhesive is 2-part adhesive and filler system that helps eliminate the need for welding or brazing.
- · Formulated to set in 5 minutes without requiring clamping.
- Clear appearance.
- · Fills gaps and will not shrink.
- · Resistant to water and solvents. Temperature range -60°F to 180°F (-51°C to 82°C). Permanent strength up to 3400

**Permatex PermaPoxy 5-Minute General-Purpose Epoxy, 2 oz.** PER 84201

- · Withstands up to 500 degrees F.
- · Sets in 5 minutes. Steel hard in 15 minutes. Full cure in 1 hour.
- · Can be Drilled, Tapped, Filed, Machined, Sanded and
- $\bullet \ \, \text{Use on PVC, ,plastic, fiberglass, glass, ceramic,brass,,} \\$ copper, and much more.
- · Drinking Water Safe.

**Blue Magic Products Quiksteel Steel Reinforced** Epoxy Putty Xtreme Heat, 2 oz. CCM 16562TRI

- · For repairs around home, hobbies, plumbing, automobiles, marine and farm
- Resists temperatures up to 500°F (260°C)
- · Virtually impervious to chemicals
- · Sets in 5 minutes, fully cures in as little as 1 hour, sets up underwater, bonds to wet or dry surfaces and hardens like
- · Can be drilled, tapped, filed, machined, sanded and painted

CarGo Quiksteel Plastic Epoxy Putty CCM 16502TRI



- · J-B Original is designed to be an alternative to welding, soldering and brazing.
- · This epoxy bonds to most clean surfaces, and it will set in as little as 4 to 6 hours and fully cure in 24 hours.
- · J-B Weld is waterproof and resistant to petroleum, chemicals and acid.
- · It can be drilled, machined, painted, sanded and filed once it's cured.
- · J-B Weld is nontoxic and temperature resistant up to 600°F.

JB Weld Industrial Weld Shop-Size Epoxy, 10 oz.



- · Fully Cured in 1 Hour
- · Sets In 5 Minutes
- · Bonds To All Metals, Fiberglass, Plastics, Glass, and Wood
- · Resistant to Water, Gas, and Oils

**CarGo Quiksteel Reinforced Epoxy** Paste Weld CCM 17002TRI



- · Can be Drilled, Tapped, Filed, Machined, Sanded and Painted.
- · Bonds to all Metal, Fiberglass, Plastic, Glass, Wood, Brick, almost anything except rubber.
- · Drinking Water Safe.

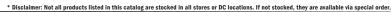
**Blue Magic Products QuikSteel Reinforced Epoxy** Putty, 2 oz. CCM 16002TRI



- · INCREDIBLY STRONG: 4250 PSI
- STEEL BOND EPOXY
- · SETS IN 10 MINUTES
- · WATERPROOF (Bonded wood materials should not be submerged or soaked in water.)
- FORMS PERMANENT BOND

Gorilla Glue Weld Steel Bond Epoxy GGC 4330101





- · Ultra-strong adhesive and reinforcing powders
- · Repairs almost anything!
- · Rock solid in 10 seconds!
- · Q-Bond repairs are able to be grinded, filed, sanded and even painted!
- · The Q-BOND kit includes two (2) bottles Q-BOND adhesive (0.35 oz./10 mL); one (1) bottle black reinforcing powder for plastics; one (1) bottle grey reinforcing powder for metals.

K Tool International Q-BOND Adhesive Kit ZIN KTI90002



· No-Foam Formula

for easy hanging

GGC 6065001

· It is incredibly strong and is ideal for indoor and outdoor applications

· Double-Sided Tape: Coated with adhesive on both sides

· 15 lb. Strong Hold: Sticks to smooth and rough surfaces

· Instant Hold, Permanent Bond: Fast & Easy · Weatherproof: For indoor and outdoor use

· Crystal Clear Adhesive: Won't yellow over time **Gorilla Tape Tough & Clear Mounting Tape** 

Gorilla Glue Gorilla Clear Glue GGC 4500101



### **ADHESIVES**

## GENERAL PURPOSE

- · Dries clear
- · Flexible does not become brittle in cold weather
- · Waterproof submergible in fresh and salt water after completely cured
- · Chemical resistant safe for applications exposed to dilute acids and dilute caustics
- · Abrasion resistant suitable for bonding objects subject to wear

**Amazing Goop Automotive Adhesive CHM** 16001

· Maintains a flexible bond in cold temperatures and may be used to bond items subject to vibration · Exceptional adhesion to wood, metal, glass, fiberglass,

E-6000 Adhesive, 3.7 oz. CHM 230022

ceramics, masonry and concrete



- **ADHESIVES**
- · Fast drying, strong, flexible, rubbery adhesive
- · Withstands vibration & extreme temperature variation
- · Good oil and water resistance
- · Black color designed to match vehicle weatherstrip for virtually invisible repair



- · Industrial strength, non-flammable adhesive that provides versatility not found in silicones and rubber cements 3M Super Weatherstrip Adhesive, Black, 5 oz. Tube MMM 8008 · Safe for applications exposed to dilute acids and dilute

**ADHESIVES** SPECIALTY

- · Strong Flexible Bond
- Weather Resistant
- · Dries Quickly
- 1 oz.
- · Black color

3M Black Super Weatherstrip Adhesive, 29.5 mL Tube MMM 3602



- · Weatherproof; can withstand changes in climate and resist water and other environmental elements
- · Chemical resistant; is not affected by oil, gasoline, alcohol and most solvents
- · Abrasion resistant; maintains bond strength, even on objects subject to wear
- · Fast dry time; quickly creates a strong, secure bond
- · Flexible; does not become brittle, even in cold weather

**Seal-All Contact Adhesive and Sealant CHM** 380112



- · A low VOC, clear, high strength aerosol adhesive
- · Used for bonding automotive materials such as carpeting, jute pads, fabrics and plastics to metal and other surfaces. Has good heat and water resistance.
- Bondo Easy Finish Aerosol Trigger PN00128

3M General Trim Adhesive, 18.1 oz. MMM 8088



- · For tough repairs on dissimilar surfaces, both indoors and out
- 100% waterproof for effective use outdoors
- · Bonds wood, stone, metal, ceramic, fiberglass and more.

Gorilla Glue Adhesive GGC 5000206



- · A high performance aerosol contact adhesive.
- · Designed for bonding vinyl tops, heavyweight liners and hood silencer pads where high strength and heat resistance are
- · Bondo Easy Finish Aerosol Trigger PN00128

3M Super Trim Adhesive, Yellow, 19 oz. MMM 8090



- · Fast drying, strong, flexible, rubbery adhesive
- · Withstands vibration & extreme temperature variation
- · Good oil and water resistance



3M Super Weatherstrip and Gasket Adhesive, Yellow, 5 oz. Tube MMM 8001

- · Fast drying, strong, flexible, rubbery adhesive
- · Withstands vibration & extreme temperature variation
- · Good oil and water resistance

3M Super Weatherstrip and Gasket Adhesive, Yellow, 2 oz. Tube MMM 8002



- · This high-strength spray adhesive is designed for repairing interior parts which have become detached or loosened.
- The VOC-compliant formula bonds foam, fabrics, plastics, rubbers and other automotive materials.
- · Resistant to extreme weather conditions.
- · Water resistant.
- Dries clear for a neat appearance. High-temperature formula. Level 3\*

**Permatex Body Shop Heavy-Duty Headliner and** Carpet Adhesive, 16.75 oz. PER 27828

- · A single component, quick-drying clear adhesive.
- · Used for bonding plastic or metal emblems, interior rigid plastic, tail light lenses, vinyl side moldings or upholstery.



3M Plastic and Emblem Adhesive, 5 oz. Tube MMM 8061

- · Clear adhesive for interior or exterior bonding
- · Bonds metal emblems, rigid plastic parts, taillight lenses and vinyl trim strips

**3M Plastic Emblem and Trim Adhesive MMM** 3601



- · Dries clear with superior bonding strength.
- · For permanent or repositionable applications.
- · Unique formula resists water and humidity.
- · Applications include porous and nonporous materials.
- Level 3\*

Permatex All-Purpose Spray Adhesive, 11 oz. PER 82019



- · Rubber-toughened
- Multipurpose
- · Anti-Clog Metal Tip

Gorilla Glue Super Glue Tubes GGC 7800103



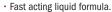
- · Two ways to Dispense: Fine Bristle Brush & Precision Tip Nozzle
- · Thicker controlled formula: Easy flow control

Gorilla Glue Super Glue, Brush & Nozzle, 2 Pack GGC 7500101



- · Ideal for items that must withstand daily use and abuse.
- · Outdoor or unheated area safe, all temperature, all
- · No drip performance gel formula in a Control Applicator
- · Provides extra working time to align parts
- · Use on metal, rubber, ceramic, wood, leather, paper and

**Loctite Super Glue Ultra Controlled** Dispense Gel LOC 1363589



- · Precision tip for accurate dispensing.
- · No-clog cap cleans and seals nozzle after every use.
- · No-drip stand-up container.

· Heavy-Duty

Multipurpose

Impact Resistant

use after use.

GGC 7820001

· Impact-Tough Clear

strength

· Anti-Clog Cap & No Run

· No Run Control Gel Formula

leather, paper and more!

Clear

· Use on leather, wood paper, rubber, ceramic, metal and plastics

Gorilla Glue Super Glue Gel, 15 g GGC 7600101

· Anti Clog Cap: Keeps glue from drying out, its Gorilla Tough

· Impact Tough: Reinforced to increase impact resistance and

· Fast-Setting: Dries in 10-45 seconds, no clamping required · Versatile: Bonds plastic, wood, metal, ceramic, rubber,

Gorilla Glue Super Glue Gel, 2 - 3g Tubes

Gorilla Glue Super Glue, 15 g GGC 7805003

Loctite Super Glue Long Neck LOC 230992















- · INDOOR & OUTDOOR Moisture Resistant
- · CONTROLLED SPRAY Even Application

· HEAVY DUTY BOND - Dries Permanent

· EASYTO USE - Repositionable

CLEAR COLOR - Non-Yellowing

Gorilla Glue Spray Adhesive, 14 oz. GGC 6301502





#### **ADHESIVES**

## ADHESIVE REMOVER

 Strong, fast-acting, it quickly softens even the toughest adhesives in 30 minutes or less

Goof-Off Adhesive Remover KS FG795



- This 100% synthetic lubricant contains real ceramic solids for extreme performance under critical braking conditions.
- A purple, environmentally friendly, nonmelting formula, this
  premium lubricant is a long-lasting, highly temperature
  resistant way to silence brake noise such as squealing
  and chattering; also effective for preventing long bolt and
  sleeve seizing and galling.
- Suitable for use on rolling and sliding surfaces operating in wet or dry conditions.
- This product helps ensure that critical brake parts remain lubricated throughout the life of the brake pad. Resistant to corrosion and contaminants, it will not wash out.
- It is compatible with internal/external brake rubber and plastic hardware, including ethylene-propylene rubber.

Permatex Ceramic Extreme Brake Parts Lubricant, 8 oz. PER 24125



- A highly refined blend of aluminum, copper and graphite lubricants.
- Use during assembly to prevent galling, corrosion and seizing and to assure easy disassembly.
- · Handles temperatures ranging from -60°F to 1600°F.
- The lubricant is salt, corrosion and moisture resistant and is ideal for marine use.
- Nonaerosol version meets Mil spec #907E.
   Aerosol Level 3\*

Permatex Anti-Seize Lubricant, 8 oz. PER 80078



- A 100% synthetic formula, coupled with real ceramic solids make this premium brake lubricant our longest lasting, most temperature resistant way to silence brake noise.
- Effective from -50°F to 3000°F (-46°C to 1649°C), this
  product maintains its lubricating integrity under the most
  extreme conditions.
- · Resistant to corrosion and contaminants, it will not wash out.
- · For metal-to-metal contact only.

**Permatex Ceramic Brake Lubricant PER 20354** 



- A highly refined blend of aluminum, copper and graphite lubricants. Use during assembly to prevent galling, corrosion and seizing and to assure easy disassembly.
- Handles temperatures ranging from -60°F to 1600°F.
- The lubricant is salt, corrosion and moisture resistant and is ideal for marine use.
- · Nonaerosol version meets Mil spec #907E.
- Aerosol Level 3\*.

Permatex Anti-Seize Lubricant, 1 oz. PER 81343



- This environmentally-friendly, nonmelting synthetic lubricant is formulated to lubricate under adverse braking conditions, helping to assure that critical caliper pins, sleeves, bushings and pistons remain reliably lubricated.
- **Permatex Ultra Disc Brake Caliper Lube, 8 oz.** PER 24110



## **COMPOUNDS**

## BRAKE LUBRICANTS

- · Contains moly, PTFE and graphite
- · Temperature range -30 Deg. to 600 Deg. F
- Prevents brake noise
- Maximizes brake efficiency

CRC Synthetic Brake & Caliper Grease, 12 oz. CRC SL3303



bushings and pistons remain lubricated throughout the life of the pad.

Permatex Illtra Disc Brake Caliner Lube

 An environmentally friendly, non-melting synthetic lubricant, this product is formulated to lubricate under adverse brake conditions to help assure that critical caliper pins, sleeves,





- A specially developed synthetic grease with a hightech formula for use in disc & drum brake systems.
- · High temperature grease is plastic & rubber safe.
- Use on metal to metal contact points and sliding surfaces.
- · Resists moisture and will not washout.

**CRC Brake Caliper Synthetic Grease, 12 oz.** CRC 5353



- Sil-Glyde Brake Lubricant is a silicone-based brake lubricant recommended for the entire brake assembly, is compatible with plastic and rubber (EPDM & Nitrile), and dampens vibrations between contact points.
- It is moisture-proof and heat resistant to over 425 degrees F (218 degrees C), which means it won't burn-off like other brake noise products.
- Its long-lasting properties provide a noise-free brake installation and easy disassembly.
- Using AGS brake lubricant is one of the keys to eliminating disc brake squeal and protecting parts from corrosion and rust.

American Grease Stick Co. Sil-Glyde Silicone Brake Lubricant, Tube, 4 oz. AGS BK-4



· Stop brake squeals an squeaks

- · High temperature red film
- For use on backing plates, brake pad contact points, non-shimmed disc pads, and disc brake pads

CRC Disc Brake Quiet, 4 fl. oz. CRC 5016

CRC Disc Brake Ouiet, 4 oz. CCM 2065

CRC Disc Brake Quiet, 9 wt. oz. CRC 5017

CRC Disc Brake Quiet, Aerosol CCM 1015



- Extreme temperature range -50 Deg. to 3,000 Deg. F
- · EPDM and nitrile rubber compatible
- · Ideal for brakes which operate at higher temps

CRC Silaramic Brake System Grease, 5 wt. oz. CRC 5361



# **COMPOUNDS**

## DIELECTRIC GREASE

- Protects electrical connections and wiring from salt, dirt and corrosion.
- · Helps extend the life of bulb sockets.
- · Prevents voltage leakage around any electrical connection.
- · Also prevents spark plugs from fusing to boots.
- · Required for modern high-energy ignition systems.

Permatex Dielectric Tune-Up Grease, 3 oz. PER 22058



9

- Protects electrical connections and wiring from salt, dirt and corrosion.
- · Helps extend the life of bulb sockets.
- Prevents voltage leakage around any electrical connection.
- · Also prevents spark plugs from fusing to boots.
- · Required for modern high-energy ignition systems.

Permatex Dielectric Tune-Up Grease, 0.33 oz. PER 81150



- Protects electrical connections and wiring from salt, dirt and corrosion.
- · Helps extend the life of bulb sockets.
- Prevents voltage leakage around any electrical connection.
- · Also prevents spark plugs from fusing to boots.
- · Required for modern high-energy ignition systems.

**Permatex Dielectric Tune-Up Grease, 3 oz.** PER 81153

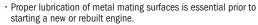


- · Waterproofs electrical contacts
- Unique precision applicator for maximum control
- No waste

**CRC Technician Grade Dielectric Grease, 3.3 wt. oz.** CRC 5113

#### **COMPOUNDS**

# OTHER COMPOUNDS



- Ultra Slick is formulated to adhere to component surfaces to help prevent scuffing and galling during initial startup.
- Meets or exceeds OEM performance specs for engine assembly lubricants.

Permatex Engine Assembly Lube, 4 oz. PER 81950



- Aids valve grinding and seating operations to remove burrs, surface defects, carbon, gum and corrosion.
- · Can be used for lapping and grinding chromium.
- · Mixes with water to form an easy-to-use paste.

Permatex Valve Grinding Compound, 1.5 oz. PER 80036



#### **COMPOUNDS**

## THREAD COMPOUNDS

- · Economical general-purpose fitting sealant.
- Seals and resists pressure in air, oil, diesel fuel and hydraulic systems.
- · Remains pliable at high and low temperatures.
- $\cdot$  Handles temperatures ranging from -65°F to 300°F and resists common shop fluids.

**Permatex Thread Sealant with PTFE, 4 oz.** PER 80632



- The Gel Twist pin-point applicator puts the threadlocker on the part.
- Gel formula provides liquid-reliability without drips, globs, mess or waste.
- · High-strength threadlocker for heavy-duty applications.
- Well-suited for permanently locking studs and press fits. Adds 3,000 PSI holding power on slip and press-fit assemblies.
- Replaces set screws and snap rings. Locks against vibration loosening. May require heat or special tools for removal.

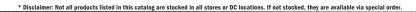
Permatex Gel Twist High-Strength Threadlocker Red Gel, 0.35 oz. PER 27010



- High strength threadlocker better suited for heavy-duty applications where resistance to heavy shock, vibration and stress levels is required
- · High strength locking up to 3/4" bolts
- Torque/Prevail 202/34
- Temperature Range -65°F to 300°F
- · Removable with heat and hand tools

Loctite Threadlocker Red Stick LOC 37701





- · OEM specified. Locks and seals threaded fittings.
- Resists leakage, vibration loosening, moisture, hydraulic fluids and diesel fuels. Lubricates threads for simple assembly and disassembly.
- · Won't shred or wear.
- Parts may be repositioned up to 4 hours after application.
- · Contains polytetrafluoroethylene (PTFE).

**Permatex High-Temperature Thread Sealant, 0.2 oz.** PER 59214



- The Gel Twist pin-point applicator puts the threadlocker on the part.
- Gel formula provides liquid-reliability without drips, globs, mess or waste.
- · All-purpose medium-strength threadlocker.
- Ideal for all nut and bolt applications 1/4" 1" (6 mm 25 mm). Eliminates the need for stocking expensive lock nuts and lock washers.
- Locks and seals while preventing parts from loosening due to vibration. Protects threads from corrosion. Removable with hand tools for simple disassembly. Mil-Spec (S-46163A)
   Type II, Grade N.

Permatex Gel Twist Medium-Strength Threadlocker Blue Gel, 0.35 oz. PER 24010



- Withstands temperatures to 450° F.
- Prevents loosening on bolts up to 1 1/2"
- Torque/Prevail 200/220
- Temperature Range -65°F to 450°F
- · Removable with heat and hand tools

Loctite Threadlocker 272 - High Temperature Red LOC 37480



- Same locking strength and sealing capabilities as traditional blue liquid threadlocker. Loctite 242
- Removable grade up to 1/4" to 3/4" holts
- · Torque/Prevail 110/43
- Temperature Range -65°F to 300°F
- · Removable with hand tools

Loctite Threadlocker Blue Stick LOC 37643



- Designed for the permanent locking and sealing of threaded fasteners
- Prevents loosening and leakage from shock and vibration
- Particularly suited for heavy duty applications such as studs into motor housings where high strength is required
- Provides robust curing performance
- · Offers high temperature performance and oil tolerance

**Loctite 263 High Strength Threadlocker** LOC 2205310



- Medium strength threadlocker with temperature resistance to 360°F
- Removable grade up to 1/4" to 3/4" bolts
- · Torque/Prevail 106/26
- Temperature Range -65°F to 360°F
- · Removable with hand tools

Loctite Threadlocker 243 Blue Oil Resistant Threadlocker LOC 1330799



- Designed for the permanent locking and sealing of threaded fasteners
- $\boldsymbol{\cdot}$  Prevents loosening and leakage from shock and vibration
- Particularly suited for heavy duty applications such as studs into motor housings where high strength is required
- Provides robust curing performance
- · Offers high temperature performance and oil tolerance

Loctite 263 Threadlocker LOC 2203451



- Medium strength threadlocker with temperature resistance to 360°F
- Removable grade up to 1/4" to 3/4" bolts
- Torque/Prevail 106/26
- Temperature Range -65°F to 360°F
- · Removable with hand tools

Loctite Threadlocker 243 Blue Oil Resistant Threadlocker LOC 1330906



- The ONLYThread Sealant with the Strength of Threadlocker Blue
- Seals up to 1,000 PSI
- Removable with Hand Tools
- Ideal for: Fuel, Coolant, Power Steering, A/C, and Brake Systems

Permatex Seal + Lock Thread Compound, 1.18 oz. PER 57535



- · OEM specified.
- A low-viscosity threadlocking liquid that wicks along the threads of preassembled fasteners to secure them in place.
- Since it is applied after assembly, preventive maintenance procedures are simplified.
- Ideal for fasteners ranging from #2 to 1/2" (2.2 to 12 mm) in size.
- Localized heating and hand tools are needed for disassembly.

Permatex Penetrating-Grade Threadlocker Green, 0.2 oz. PER 29000



## **PROJECT PACKS**

- · Prevents Corrosion
- · Eases Replacement
- Use on: Taillights, Head Lamps, Light Bulbs, Flood Lights and more

American Grease Stick Co. Bulb Dielectric Grease, Pouch, 4 g (sold by each) AGS BG-1A



- Specifically developed and packaged to replace the gasket on thermostats and water pumps
- Resistant to oil, transmission fluid, antifreeze, water, steam, lubricants, and more
- · Temperature range from -70 to 500 degrees
- · Sensor safe, low volatility

American Grease Stick Co. Gasket Sealer RTV Silicone, Pouch, 7.4 mL AGS TG-1A



- Use everywhere around the battery/cable connection to prevent acid related corrosion that decreases battery life and saps power
- Apply to battery terminals, cable ends, clamps, connectors, hold-downs, and more
- Ensure Max Battery Power, Battery & Cable Protection, Anti-Corrosion

American Grease Stick Co. Battery Terminal Protector Dielectric Grease, Pouch, 4 g AGS BT-1A



- Silicone-based brake lubricant recommended for the entire brake assembly
- · Compatible with plastic and rubber (EPDM & Nitrile)
- · Moisture-proof and heat resistant to over 425 degrees F
- Sil-Glyde is one of the keys to eliminating disc brake squeal and protecting parts from corrosion and rust

American Grease Stick Co. Sil-Glyde Silicone Brake Lubricant, Pouch, 4 g AGS BK-1A

**GASKET MAKERS** 



- A silicone-based brake lubricant with ceramic solid additives
- Formulated to reduce brake noise in the most extreme conditions and temperatures
- Works with both ceramic and metallic brake pads and is safe for use on all parts (including EPDM and Nitrile rubber) of the brake assembly

American Grease Stick Co. Cerami-Glyde Silicone Brake Lubricant, Pouch, 4 g AGS CM-1A



- OEM specified.
- Highest operating temperatures for 4-cylinder, turbocharged or high-performance engines.
- · Sensor-safe, low odor, noncorrosive.

SEALANTS

· Superior adhesion.

· OEM specified.

as towing, etc.).

caused by thermal cycling.

• Three times more oil resistant than conventional silicones and 8 times more flexible than cut gaskets.

· Formulated for hi-temp applications or heavy-duty use (such

 Replaces almost any cut gasket by making reliable formedin-place gaskets that resist cracking, shrinking and migrating

Permatex Ultra Copper Maximum Temperature RTV Silicone Gasket Maker, 3 oz. PER 81878



- ${\boldsymbol{\cdot}}$  Single-use packet of medium strength Blue Threadlocker
- Pouch contains enough for several fasteners depending on size
- $\boldsymbol{\cdot}$  Excellent for preventing loosening due to vibration
- Adds corrosion resistance and can be removed with standard tools

American Grease Stick Co. Blue Threadlocker, Pouch, 1.5 mL AGS BTL-1A



- A special high-temperature formula dielectric silicone for spark plug boots
- When applied to spark plug boots and wires, the product prevents boots from sticking to plugs and distributor cap
- Prevents voltage leakage
- Avoid stuck-on boots & prevent arcing

American Grease Stick Co. Spark Plug Boot Protector Dielectric Grease, Pouch, 4 g AGS SP-1A



- Coats precut gaskets to increase reliability.
  Handles temperatures ranging from -65°F to 650°F
- intermittent and resists auto and shop fluids. First generation 1970 1980 gasket maker.

Permatex High-Temp Red RTV Silicone Gasket, 3 oz. PER 81160



- · Avoid stuck plugs and bolts
- Heat resistant
- · Assure easy installation and removal
- · Withstands temps to 1200°F
- · Won't wash out

American Grease Stick Co. Thread-Magic Anti-Seize Grease, Pouch, 4 g AGS TMP-1A



- OEM specified.
- $\boldsymbol{\cdot}$  Formulated for hi-temp applications or heavy-duty use (such as towing, etc.).
- Replaces almost any cut gasket by making reliable formed-in-place gaskets that resist cracking, shrinking and migrating caused by thermal cycling.
- · Coats precut gaskets to increase reliability.
- Handles temperatures ranging from -65°F to 650°F intermittent and resists auto and shop fluids. First generation 1970 - 1980 gasket maker.

Permatex High-Temp Red RTV Silicone Gasket, 11 oz. PER 81409



J-B Weld Hi-Temp Red Silicone Gasket Maker & Sealant is an RTV (Room Temperature Vulcanized) Silicone gasketing material, designed for use in mechanical assemblies where the existence of higher, continuous temperatures up to 550° F or 650° F intermittent might exist. Upon curing, which occurs when the product is exposed to the moisture in air, the silicone forms a tough, waterproof seal on most surfaces. It will not shrink or crack, resists weathering, is sensor safe and is great for many automotive applications.

JB Weld Hi-Temp RTV Red Silicone, 3 oz. JB 31314



- Specially formulated for high flexibility and maximum oil resistance.
- · Maximum Oil Resistance
- Temp. Range: -65°F to 500°F
- · Sensor-safe, Low Odor, Non-corrosive

Permatex OPTIMUM BLACK Gasket Maker, 3.35 oz. PER 27037



J-B Weld Ultimate Black Gasket Maker & Sealant is an RTV (Room Temperature Vulcanized) Silicone gasketing material designed for use in mechanical assemblies where maximum petroleum and oil resistance is required. Upon curing, which occurs when the product is exposed to the moisture in air, the silicone forms a tough, waterproof, gasket and seal on most surfaces. It will not shrink or crack, resists oil and petroleum products, resists weathering, is sensor safe, has good temperature resistance up to 500 F intermittent and is great for many automotive applications.

· Designed for high-torque and high-vibration applications like those

· Maximum vibration resistance with outstanding resistance to oils,

This premium RTV gasket maker exceeds manufacturers'

JB Weld Ultimate Black RTV JB 32329



- OEM specified.
- For dealership warranty requirements, ensures extended drivetrain warranty compliance.
- · Fast-curing formula.
- · Sensor safe, low odor, noncorrosive.
- Meets performance specs of OE silicone gaskets. Retains high flexibility and oil resistance properties through use of an adhesion system.

Permatex Ultra Black Maximum Oil Resistance RTV Silicone Gasket Maker PER 24105

- · OEM specified.
- For dealership warranty requirements, ensures extended drivetrain warranty compliance.
- · Fast-curing formula. Sensor safe, low odor, noncorrosive.
- · Meets performance specs of OE silicone gaskets.
- Retains high flexibility and oil resistance properties through use of an adhesion system. Handles temperatures ranging from -65°F to 500°F intermittent and resists auto and shop fluids and vibration.

Permatex Ultra Black Maximum Oil Resistance RTV Silicone Gasket Maker, 9.5 oz. PER 85080



• OEM specified.

· OEM specified.

· OEM specified.

common in import engines.

performance requirements.
Noncorrosive and low-odor.

cooling and shop fluids. Won't leak.

**Permatex Ultra Grey Rigid High-Torque** 

RTV Silicone Gasket Maker, 13 oz. PER 82195

- Designed for high-torque and high-vibration applications like those common in import engines.
- This premium RTV gasket maker exceeds manufacturers' performance requirements.
- Noncorrosive and low-odor.

performance requirements.

Noncorrosive and low-odor.

 Maximum vibration resistance with outstanding resistance to oils, cooling and shop fluids. Won't leak.

Permatex Ultra Grey Rigid High-Torque RTV Silicone Gasket Maker, 3.5 oz. PER 82194

Designed specially for high-torque and high-vibration

premium RTV gasket maker exceeds manufacturers'

• Offers maximum vibration resistance with outstanding resistance to oils, cooling and shop fluids.

· Guaranteed not to leak. Temperature range -65°F to 500°F

applications, like those common in import engines, this



- For dealership warranty requirements, ensures extended drivetrain warranty compliance.
- · Fast-curing formula.

· OEM specified.

- · Sensor safe, low odor, noncorrosive.
- Meets performance specs of OE silicone gaskets. Retains high flexibility and oil resistance properties through use of an adhesion system.

Permatex Ultra Black Maximum Oil Resistance RTV Silicone Gasket Maker, 3.35 oz. PER 82180



- · OEM specified.
- For dealership warranty requirements, ensures extended drivetrain warranty compliance.
- · Fast-curing formula.
- · Sensor safe, low odor, noncorrosive.
- Meets performance specs of OE silicone gaskets. Retains high flexibility and oil resistance properties through use of an adhesion system. Handles temperatures ranging from -65°F to 500°F intermittent and resists auto and shop fluids and vibration.

Permatex Ultra Black Maximum Oil Resistance RTV Silicone Gasket Maker, 0.5 oz. PER 22072



- (-54°C to 260°C) intermittent.

  Permatex Ultra Grey Rigid High-Torque
- Specially formulated to withstand high vibration and high temperatures up to 700°F.
- Maximum Torque Load Resistance
- · Sensor-safe, Low Odor, Non-corrosive

RTV Silicone, 0.5 oz. PER 22074

• Extra Nozzle

Permatex OPTIMUM GREY Gasket Maker, 3.35 oz. PER 27036





· J-B Weld Ultimate Grey Gasket Maker & Sealant is an RTV (Room Temperature Vulcanized) Silicone gasketing material designed for use in mechanical assemblies where higher torque or closely spaced bolt profiles can lead to higher loads and cause gasket and sealing failures for average silicones. Upon curing, which occurs when the product is exposed to the moisture in air, the silicone forms a tough, waterproof, gasket and seal on most surfaces. It will not shrink or crack, resists oil and petroleum products, resists weathering, is sensor safe, has good temperature resistance up to 500° F intermittent and is great for many automotive applications.



- OEM specified.
- · Noncorrosive gasketing material designed primarily for use on aluminum, iron, and steel-flanged mating surfaces.
- · Ideal for on-the-spot and emergency repairs or when a conventional gasket is unavailable.
- · Fills gaps up to .015" and cures to a solvent-resistant seal that will not tear or decay during service.
- · Parts disassemble simply even after extended service and old gasket material can be removed in minutes with a simple putty knife.

Permatex Anaerobic Gasket Maker, **1.69 oz.** PER 51813



- · Return to service in just 90 minutes
- · Resistant to engine oils and automatic transmission fluids
- · Temperature Range: 65 Deg. F to 500 Deg. F
- · Resists aging, weathering and thermal cycling

#### Permatex PX 90 Minute Right Stuff PER 25228

- · Make leak-proof gaskets and return equipment to service immediately!
- · Permatex' premier instant gasket maker was designed as a replacement for conventional gaskets.
- This elastomeric "formed-in-place" material is more reliable and longer lasting than pre-cut gaskets.
- · It is blowout resistant and protects against leaks and seepage caused by vibration and thermal expansion. Formulated to meet or exceed performance standards for long-term sealability, durability and handling, this material is used on OEM production lines and specified in their service parts programs.
- Temperature range -75°F to 450°F (-59°C to 232°C) continuous, 500°F (260°C) intermittent; resists ATF, coolant, oil and other shop fluids. Sensor-safe. Fleet-tested.

#### The Right Stuff Gasket Maker, 7.5 oz. PER 85224

- · Make leak-proof gaskets and return equipment to service immediately!
- · Permatex' premier instant gasket maker was designed as a replacement for conventional gaskets.
- · This elastomeric "formed-in-place" material is more reliable and longer lasting than pre-cut gaskets.
- It is blowout resistant and protects against leaks and seepage caused by vibration and thermal expansion.
- · Formulated to meet or exceed performance standards for long-term sealability, durability and handling, this material is used on OEM production lines and specified in their service parts programs. Temperature range -75°F to 450°F (-59°C to 232°C) continuous, 500°F (260°C) intermittent; resists ATF, coolant, oil and other shop fluids. Sensor-safe. Fleet-tested.
- Permatex The Right Stuff Gasket Maker, 4 oz. PER 25223
- · Just torque and go! This handy size package contains enough material to completely replace two or three large cut
- The long-lasting, black elastomeric formed-in-place rubber gaskets can be custom fit to any shape or size. Ideal for all non-fuel sealing applications, 1 Minute Gasket is superior to most OE gaskets and fleet-tested to be leak-free in more than 5 million miles of heavy commercial use.
- · Protects against leaks caused by vibration and thermal expansion.
- Temperature range -75°F to 450°F (-59°C to 232°C) continuous, 500°F (260°C) intermittent; resists ATF, coolant, oil and other shop fluids.
- Permatex The Right Stuff 1-Minute Gasket, 3 oz. PER 25229



- · Will not foul oxygen sensors.
- · Replaces almost any cut gasket.
- · Makes reliable formed-in-place gaskets that resist cracking, shrinking and migrating. Coats precut gaskets to increase
- · Handles temperatures ranging from -65°F to 500°F intermittent and resists auto and shop fluids.
- First generation 1970 1980 gasket maker.

**Permatex Sensor-Safe Blue RTV Silicone** Gasket Maker, 3 oz. PER 80022



- · OEM specified.
- Ultra silicones were developed to meet today's technology changes.
- · Sensor-safe, low odor, noncorrosive.
- · Great oil resistance and joint movement values.
- · Eight times more flexible than cork/composite gaskets and 3 times more oil resistant than conventional silicones.







- · Advanced formula RTV Gasket Maker designed specifically for resistance to unique synthetic motor oil chemical properties
- Prevents leak paths commonly associated with synthetic motor oils.
- Recommended for close tolerances and high performance
- Temperatures up to 500° F Intermittent.
- · Import/Domestic compatible.

Permatex Gasket Maker PER 82135



- · OEM specified.
- · This sealant withstands the harsh detergents and friction modifiers found in AT fluid.
- · Developed with US automotive OEMs and complies with extended warranty requirements.
- · It resists aging, weathering and thermal cycling without hardening, shrinking or cracking.
- · Benefits include improved transmission oil resistance, good adhesion while retaining flexibility, sensor-safe, noncorrosive and can be used as a gasket maker or dressing. Nonflammable, nontoxic, low odor.

#### **Permatex Automatic Transmission RTV Sealant,** 3 oz. PER 81180

- · This general-purpose clear RTV sealant is designed for indoor and outdoor use.
- · It seals, bonds, repairs, mends and secures glass, metal, plastics, fabric, vinyl and weather-stripping and vinyl tops.
- · The sealant also protects and repairs electrical wiring and may be applied to horizontal or vertical surfaces.
- · The sealant is waterproof and flexible and can handle temperatures ranging from -75°F to 400°F.
- · The sealant resists oil, water, weather, vibration and grease.

Permatex Clear RTV Silicone Adhesive Sealant, 3 oz. PER 80050



- · Fast-drying all-purpose sealant dries to a highly tacky,
- · This reliable general adhesive remains effective in temperatures of -65°F - 500°F and resists gasoline, oil, antifreeze, axle lube, kerosene, propane and butane.

Permatex High Tack Gasket Sealant, 4 oz. PER 80062





- · For 2- and 4-cycle engines.
- · Solvent-based bond fully seals in as little as 20 minutes.
- Forms a tough, flexible bond that is highly effective on irregular and uneven joint surfaces.
- · Suitable for use on frequently disassembled engines.
- · Resists gasoline and other damaging fluids. Withstands temperatures 350°F (177°C) continuous, 400°F (204°C) intermittent.

**Permatex MotoSeal 1 Ultimate Gasket Maker** Grey, 2.7 oz. PER 29132



### SEALANTS

# GASKET REMOVER

- · Helps remove solvent-based gasketing adhesives and sealants, even baked-on gaskets.
- · Use to remove gasket from flange material in as little as 15-20 minutes.
- · Prepares flanges for new gasket.
- · Gasket Remover reduces scraping and grinding, eliminating potential damage to flanges.
- · VOC compliant; can be used in all 50 states.

Permatex Low-VOC Gasket Remover, 4 oz. PER 80645



- · Specially formulated for superior fluid resistance, this polyester urethane based gasketing compound withstands extreme temperature changes without hardening.
- · Its non-setting, non-hardening character remains tacky even with rapid changes in temperature, enabling repeated assembly and disassembly of parts.
- Suitable as either a gasket maker or dressing, PermaShield seals surface imperfections between metal parts and is ideal in high performance applications.
- · With an operating temperature range of -60° to 500°F (-50° to 260°C), this compound resists common engine fluids, including oil, gasoline, ethanol, water and anti-freeze and prevents contamination from moisture and dust.

• This general-purpose clear RTV sealant is designed for indoor and

· It seals, bonds, repairs, mends and secures glass, metal, plastics,

· The sealant also protects and repairs electrical wiring and may be

Permatex Gasket Sealant PER 85420



### **SEALANTS**

# GASKET SEALANTS

- · Fast-drying, metallic copper sealant helps dissipate heat, prevents gasket burnout and improves heat transfer.
- · The sealant also fills minor surface irregularities, hot spots and surface imperfections and seals instantly.
- The sealant can handle temperatures ranging from -50°F to 500°F and resists all types of automotive fluids, especially gasoline.

Permatex Copper Spray-A-Gasket Hi-Temp Adhesive Sealant, 10 oz. PER 80697



· The sealant resists oil, water, weather, vibration and grease.

fabric, vinyl and weather-stripping and vinyl tops.

applied to horizontal or vertical surfaces. The sealant is waterproof and flexible and can handle

temperatures ranging from -75°F to 400°F.

**Permatex Clear RTV Silicone Adhesive Sealant,** 

**7.25 oz.** PER 85913



- · OEM specified.
- · Specially formulated to withstand the harsh gear oil environment found in differentials and transfer cases.
- · Because gear oil has friction modifiers that break down normal RTV and cause leaking, this silicone has been tested to OEM specifications to ensure complete sealing.
- · As a gasket maker, it seeks and seals leak paths that cut gaskets cannot.

Permatex Gear Oil RTV Sealant, 3 oz. PER 81182



- This general-purpose clear RTV sealant is designed for indoor and outdoor use.
- · It seals, bonds, repairs, mends and secures glass, metal, plastics, fabric, vinyl and weather-stripping and vinyl tops.
- · The sealant also protects and repairs electrical wiring and may be applied to horizontal or vertical surfaces.
- The sealant is waterproof and flexible and can handle temperatures ranging from -75°F to 400°F.
- · The sealant resists oil, water, weather, vibration and grease.

Permatex Clear RTV Silicone Adhesive Sealant, **11 oz.** PER 80855



- · Hard-setting, economical sealant.
- Seals all common gasketing materials in low-temperature and low-pressure applications.
- Handles temperatures ranging from -65°F to 350°F and resists diesel fuels and most shop fluids.

**Permatex Indian Head Gasket Shellac Compound, 2 oz.** PER 20539



- General-purpose, black RTV indoor/outdoor sealant. Seals, bonds, repairs, mends and secures glass, metal, plastics, fabric, vinyl and weather-stripping and vinyl tops.
- · Protects and repairs electrical wiring.
- · May be applied to horizontal or vertical surfaces.
- · Waterproof and flexible.
- Handles a temperature range of -75°F 450°F and resists oil, water, weather, vibration and grease.

Permatex Black Silicone Adhesive Sealant, 3 oz. PER 81158



- Slow-drying, nonhardening sealant designed for sealing cut gaskets and stamped parts.
- · Allows for simple disassembly if required.
- Handles temperatures ranging from -65°F to 400°F and resists common shop fluids and fuels.
- · Use where sealing is more important than adhesion.

Permatex Form-A-Gasket No. 2 Sealant, 3 oz. PER 80016



- · Fast-drying sealant dries to a highly tacky, nonbrittle film.
- The sealant handles temperatures ranging from -65°F to 500°F and resists gasoline, oil, antifreeze and axle lube.

Permatex Super High Tack Gasket Sealant, 1.75 oz. PER 80060



 This fast-drying, hard-setting sealant is designed for sealing rigid materials and flanges or patching holes and joints where permanent assembly is desired.

**Permatex Form-A-Gasket No. 1 Sealant, 3 oz.** PER 80008



- Wicking-action silicone seeks the leak and flows into hidden and hard to reach areas.
- Forms a tough, waterproof, durable, clear seal that is resistant to weather, extreme temperatures, vibration, shock and most shop chemicals. Fills surface voids and irregularities.

**Permatex Flowable Silicone Windshield and Glass Sealer, 1.5 oz.** PER 81730



- $\boldsymbol{\cdot}$  Formulated specially for rubber gaskets.
- Conditions gaskets for longer life and seals potential leak paths.
- $\boldsymbol{\cdot}$  It also functions to hold gaskets in place during installation.
- The nonhardening, soft-setting formula makes gasket repositioning quick and easy.
- $\boldsymbol{\cdot}$  Provides outstanding oil and fluid resistance.

Permatex Ultra Rubber Gasket Sealant and Dressing, 1 oz. PER 85409



- All-purpose white lubricant for metal-to-metal and metal-toplastic applications.
- Protects against rust and helps drastically reduce friction between surfaces.
- · Stainless.
- · Nontoxic.
- $\bullet$  Contains no ODCs. Formulated to withstand moisture and high heat. Aerosol Level 3\*

Permatex White Lithium Grease, 1.5 oz. PER 80345



## **SEALANTS**

## OTHER SEALANTS

- · General-purpose, black RTV indoor/outdoor sealant.
- Seals, bonds, repairs, mends and secures glass, metal, plastics, fabric, vinyl and weather-stripping and vinyl tops.
- Protects and repairs electrical wiring.
- · May be applied to horizontal or vertical surfaces.
- Waterproof and flexible. Handles a temperature range of -75°F -450°F and resists oil, water, weather, vibration and grease.

Permatex Black Silicone Adhesive Sealant, 11 oz. PER 81173



# SPECIALTY MAINTENANCE

## FUEL TANK REPAIR

- Seals small holes and weak seams in gas tanks without welding or tank removal.
- · Repairs leaks and holes in all types of radiators.
- · Hardens in 60 minutes, permanent.
- · (THIS PRODUCT IS NOT FOR USE ON PLASTIC GAS TANKS.)

**Permatex Fuel Tank Repair PER** 84334



- · Kit includes 1 epoxy stick, 1 piece of 2" x 4" sandpaper and 1 alcohol towelette
- · Ideal for cars, trucks and RVs with metal gas tanks or radiators. Can also be used on metal gas cans. Not for use on plastic gas tanks.
- · Seals small holes, leaks and weak seams without welding or gas tank removal
- · Contains epoxy resin and polymercaptan

**Permatex Fuel Tank and Radiator** Repair Kit PER 9116

- This complete kit contains everything required for making professional-quality repairs. Includes state-ofthe-art components and easy-to-follow instructions with photographs.
- · Repairs all types of plastic tanks.
- The repair resin is designed to harden within 8 10 minutes and cure in as little as 30 minutes.
- Repairs cracks up to 4" in length and holes up to 3/8" in diameter.
- · Permanent.

**Permatex Plastic Tank Repair Kit PER 9100** 



# **SPECIALTY MAINTENANCE** GLASS/WINDOW REPAIR

- · Requires no mixing and no heat. Safe and simple to use.
- · Has the same index of refraction as the original glass to make the repair virtually undetectable.

Permatex Bullseye Windshield Repair Kit PER 16067



- · Make permanent airtight repairs on most types of damaged laminated windshield glass, including bull's-eyes, star damage and chips up to 1-1/4".
- · Formulated to cure by natural daylight and allow you to make professional-quality repairs with no mixing required.
- This complete kit provides everything needed for the repair including easy-to-follow instructions with photographs.

**Permatex Windshield Repair Kit PER 9103** 



INDO-WEL

- COUSERCION - EASY CAUCKES - FAST CHIEFE

08609

ATTENDED .

# **SPECIALTY MAINTENANCE**

## MUFFLER/EXHAUST REPAIR

- · It's the original Tiger Patch® Muffler or Tailpipe Repair
- Mechanic approved, simple wrap-around 2" x 36" tape permanently seals in minutes, no tools required.
- · Wrap Tiger Patch firmly around damaged area, idle motor or drive vehicle for 20 minutes.
- Tiger Patch heat seals itself and becomes a permanent part of your muffler or tailpipe.

**Versachem Muffler Repair Tape** PER 10270



· This epoxy-impregnated fiberglass bandage chemically

Permatex Muffler and Tailpipe Bandage PER 80332





- welds mufflers and tailpipes, permanently repairs holes and leaks in exhaust systems and seals out poisonous fumes to temperatures of 800°F (426°C).

- · Repair an exhaust manifold, catalytic converter, crossover pipes, mufflers and tailpipes.
- · Everything needed for the repair is in this kit.
- · Includes instructions in English, Spanish and French.

CarGo Thermosteel Exhaust System Repair Kit CCM 18022KTRI



- · A medium viscosity single component moisture curing urethane adhesive.
- · Bonds replacement auto glass to car bodies.
- · 3M Professional Caulking Gun PN08993, 3M Threaded Cartridge Nozzle - PN08187
- · Thick bondline may allow some non-structural body panel applications.

3M Window-Weld Super Fast Urethane, Black, 10.5 fl. oz. Cartridge MMM 8609



- · Kit containing a 15 foot long roll of 3/8 inch sealer and setting blocks.
- Controlled compressibility allows easy installation yet will not squeeze out or allow light to contact pinchweld.
- Sufficient material to replace one windshield or backlight.

3M Window-Weld Round Ribbon Sealer, 3/8" x 15' Kit MMM 8612

# **SPECIALTY** MAINTENANCE

OTHER SPECIALTY

- · FiberFix for high heat applications up to 850 degrees.
- · Hi-Temp exhaust pipe repair tape

FiberFix Heat Wrap SPK 857101004235



· Seals holes and leaks in mufflers, tailpipes and around joints, makes new installations more secure and resists temperatures to 2,000°F (1,000°C).

Permatex Muffler & Tailpipe Sealer, 3 oz. PER 80335



- · Permanently repairs holes and leaks in exhaust systems.
- · Seals out fumes at temperatures up to 2,000°F (1,000°C).
- · Safe for catalytic converters.
- · 2-pouch bonus pack.

- **Permatex Muffler and Tailpipe Putty PER 80333**
- · Complete kit for repairing cracks and splits in mufflers, tailpipes and exhaust pipes.
- Withstands temperatures over 1.000°F (540°C).
- · Contains ready-to-use foil-packed bandage and support wire.

Permatex 1,000 Plus Exhaust Repair Kit PER 80334



- · Thermosteel is engineered to withstand temperatures up to 2400°F and to withstand direct flame.
- Use Thermosteel to repair furnaces, BBQs or other high-heat item to fill cracks, holes and pits. Strength is designed to increase with heat.

CarGo Thermosteel 2400°F Cold Weld CCM 18003TRI



- OEM approved.
- · This complete kit contains everything required for making professional-quality repairs in just minutes.
- · Features state-of-the-art components and easy-to-follow instructions with photographs.
- The 2-part adhesive permanently bonds mirror buttons to
- · Achieves handling strength in seconds, and mirror mounting strength in as little as 30 minutes. ODC free. Not designed for plastic buttons.

**Permatex Rearview Mirror Adhesive Kit PER 9102** 



# **SPECIALTY** MAINTENANCE VINYL/

### ifather repair

- · A complete professional kit with plug-in electric heat iron to make pro-style repairs.
- · Contains professional electric heat tool, 7 color compounds, clear vinyl adhesive and filler, grain pattern paper, metal spatula and plastic dashboard hardening powder.

**Permatex Pro-Style Vinyl and Leather Repair Kit** PER 81781



- · Use the 3M™ Leather and Vinyl Repair Kit to repair leather and vinyl tears, burns, and cuts.
- The 3M Leather and Vinvl Repair Kit patches and repairs upholstery damages such as tears, burns, and cuts in vinyl and leather.
- · A variety of colors and grain papers designed to match surrounding materials makes repairs blend in with existing
- · A color matching guide helps determine the correct color to match the damaged surface.
- · With the complete directions that are included in the kit, you can achieve a quality result without the cost or expertise of a professional.

**3M Leather and Vinyl Repair Kit MMM** 8579



## **SPECIALTY MAINTENANCE**

### REARVIEW MIRROR REPAIR

- · 2-Part (towelette and pipette) professional-strength rearview mirror adhesive and activator.
- · Includes a medical-grade towelette that helps to minimize application messes and improve application accuracy and

**Permatex Extreme Rearview Mirror Professional-Strength Adhesive PER** 81840



- · Approved and used by GM, Ford and Chrysler.
- · Permanently remounts mirrors to windshields.
- · Achieves handling strength in seconds and mounted strength in as little as 15 minutes.
- · Available in single- and multi-applications.
- · ODC-free.

**Permatex Professional Strength Rearview** Mirror Adhesive PER 81844





# **SPECIALTY MAINTENANCE**

## WINDOW DEFOGGER REPAIR KITS

- · Complete kit contains everything required for making professional-quality repairs in just minutes.
- · State-of-the-art components and easy-to-follow instructions with photographs.
- · Provides a high-quality repair for damaged rear window defogger grids and tabs.
- · Quick Grid is the result of a joint research project with the General Motors Research Center.

**Permatex Complete Rear Window Defogger** Repair Kit PER 9117

